34. The method as recited in claim 29 further comprising:

storing the current user location for subsequent process-ing, the current user location acting as the last user location in subsequent processing.

35. In a computer system that facilitates bidirectional communications between a touch pad assembly and a host device, a message from the touch pad assembly to the host device, the message comprising:

an event field identifying whether the message is a touch pad event or a button event;

an event identifier field identifying at least one event parameter, each event parameter having an event value,

the event value for a touch pad event parameter indi-cating an absolute position, the event value for a button event parameter indicating button status.

36. A touch pad assembly capable of transforming a user action into motion onto a display screen, the touch pad system including a touch pad having a plurality of indepen-dent and spatially distinct button zones each of which represents a different movement direction on the display screen so as to enable joystick implementations, multiple dimensional menu selection or photo image panning.

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